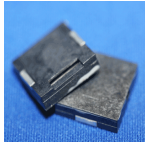


CT12P-25S400-2

Former P/N: CEPT120L030-3-125-40MR

Rev. 4-2021
RoHS3 & REACH
Piezoelectric Sound Transducers



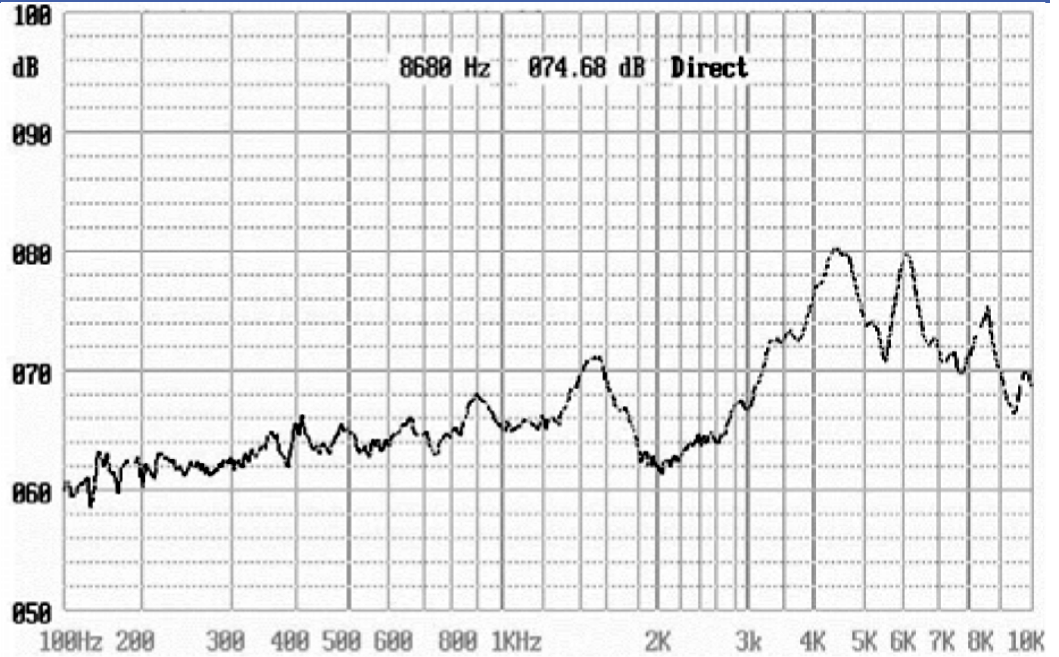
Operating Characteristics

ELECTRICAL

Rated Voltage	3 Vp-p
Max Operating Voltage	20 Vp-p
Max Current at V Rated	1 mA
Capacitance	15000 pF ± 30 % 100 Hz

ACOUSTIC

Min SPL at V Rated	75 dB
Test Conditions	10 cm
f _o	4000 Hz



Physical Characteristics

MATERIALS

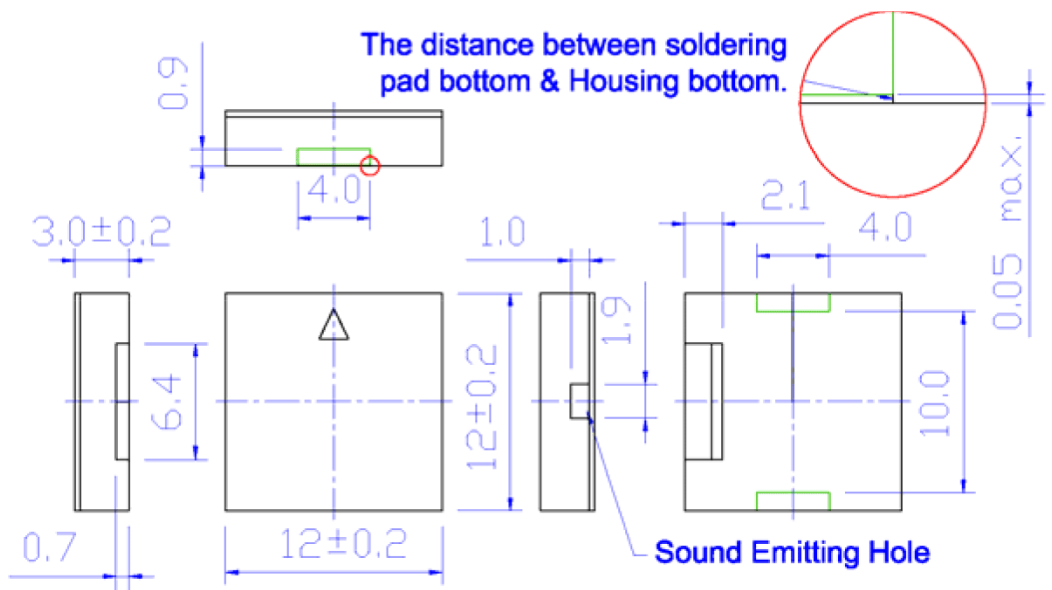
Housing	Plastic, LCP
Diaphragm	Ni Alloy Disc N42
Solder Pad	Tin Plated Brass

TEMPERATURE RANGES

Operating	-40 to +105 °C
Storage	-40 to +120 °C

Weight	0.3 g
--------	-------

Units in: mm, Tolerance: ± 0.5mm unless specified otherwise.



All Measurements are mm unless noted otherwise.

Revision	Description	By	Date
3-2019	Migrate to new format	JL	2019-06-21
4-2021	Corrected typos to max voltage from 25 Vpp to 20 Vpp, storage temp. range from -30 to 80°C to -40 to 120°C, and operating temp. range from -20 to 70°C to -40 to 105°C. Added footprint, reflow profile, tape & reel packaging.	JL	2021-06-01

Warranty: For a period of one (1) year from date of shipping under normal operations conditions. This warranty does not apply to products damaged through misuse, abuse, improper installation, alteration, rework, or attempt to repair.

The information contained herein is believed to be correct, but no guarantee or warranty, express or implied, with respect to accuracy, completeness or results is extended and no liability is assumed. Challenge Electronics reserves the right to make changes in any specification, data or material contained herein.

©2021 Challenge Electronics, Inc. Pub. 20210601122356